

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	mitsuru near2 furusawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:42
L2	52	yeast same ((DNA adj polymerase adj delta) OR (pol3\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:43
L3	2	12 same mutator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L4	8	12 same mutat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:44
L5	402	(DNA adj polymerase adj delta) OR (pol3\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:44
L7	36	15 same mutat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L8	12	15 same temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L9	265	15 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L10	23	19 and mutator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:47:35 ON 18 AUG 2006

L1	3220 S (DNA POLYMERASE DELTA) OR (POL3?)
L2	133 S L1 (P) MUTATOR
L3	618 S L1 (P) MUTANT
L4	51 S L2 (P) YEAST
L5	269 S L3 (P) YEAST
L6	16 DUP REM L4 (35 DUPLICATES REMOVED)
L7	153 S L3 (P) TEMPERATURE
L8	76 S L7 (P) YEAST
L9	19 DUP REM L8 (57 DUPLICATES REMOVED)



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☐ 1: Aoki K, Furusawa M.

Related Articles, Links



Increase in error threshold for quasispecies by heterogeneous replication accuracy.

Phys Rev E Stat Nonlin Soft Matter Phys. 2003 Sep;68(3 Pt 1):031904. Epub 2003 Sep 10.

PMID: 14524800 [PubMed - indexed for MEDLINE]

☐ 2: Furusawa M, Ohnishi T, Taira T, Iguchi-Ariga SM, Ariga H.

Related Articles, Links



AMY-1, a c-Myc-binding protein, is localized in the mitochondria of sperm by association with S-AKAP84, an anchor protein of cAMP-dependent protein kinase.

J Biol Chem. 2001 Sep 28;276(39):36647-51. Epub 2001 Aug 1.

PMID: 11483602 [PubMed - indexed for MEDLINE]

☐ 3: Aoki K, Furusawa M.

Related Articles, Links



Promotion of evolution by intracellular coexistence of mutator and normal DNA polymerases.

J Theor Biol. 2001 Mar 21;209(2):213-22.

PMID: 11401463 [PubMed - indexed for MEDLINE]

☐ 4: Tabuchi Y, Ohta S, Arai Y, Kawahara M, Ishibashi K, Sugiyama N, Horiuchi T, Furusawa M, Obinata M, Fuse H, Takeguchi N, Asano S.

Related Articles, Links



Establishment and characterization of a colonic epithelial cell line MCE301 from transgenic mice harboring temperature-sensitive simian virus 40 large T-antigen gene.

Cell Struct Funct. 2000 Oct;25(5):297-307.

PMID: 11235898 [PubMed - indexed for MEDLINE]

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Items 1 - 20 of 30

Page

of 2 Next

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Phys Rev E Stat Nonlin Soft Matter Phys. 2003 Sep;68(3 Pt 1):031904. Epub 2003 Sep 10.

PMID: 14524800 [PubMed - indexed for MEDLINE]

☐ 2: [Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

Molecular cloning of the mouse AMY-1 gene and identification of the synergistic activation of the AMY-1 promoter by GATA-1 and Sp1.

Genomics. 2003 Feb;81(2):221-33.

PMID: 12620400 [PubMed - indexed for MEDLINE]

☐ 3: [Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMY-1 interacts with S-AKAP84 and AKAP95 in the cytoplasm and the nucleus, respectively, and inhibits cAMP-dependent protein kinase activity by preventing binding of its catalytic subunit to A-kinase-anchoring protein (AKAP) complex.

J Biol Chem. 2002 Dec 27;277(52):50885-92. Epub 2002 Oct 31.

PMID: 12414807 [PubMed - indexed for MEDLINE]

☐ 4: [Yukitake H, Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AAT-1, a novel testis-specific AMY-1-binding protein, forms a quaternary complex with AMY-1, A-kinase anchor protein 84, and a regulatory subunit of cAMP-dependent protein kinase and is phosphorylated by its kinase.

J Biol Chem. 2002 Nov 22;277(47):45480-92. Epub 2002 Sep 9.

PMID: 12223483 [PubMed - indexed for MEDLINE]

☐ 5: [Yukitake H, Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMAP-1, a novel testis-specific AMY-1-binding protein, is differentially expressed during the course of spermatogenesis.

Biochim Biophys Acta. 2002 Aug 19;1577(1):126-32.

PMID: 12151104 [PubMed - indexed for MEDLINE]

☐ 6: [Furusawa M, Ohnishi T, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMY-1, a c-Myc-binding protein, is localized in the mitochondria of sperm by association with S-AKAP84, an anchor protein of cAMP-



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Promotion of evolution by intracellular coexistence of mutator and normal DNA polymerases.

J Theor Biol. 2001 Mar 21;209(2):213-22.

PMID: 11401463 [PubMed - indexed for MEDLINE]

☐ 3: [Tanabe K, Kondo T, Onodera Y, Furusawa M.](#)

Related Articles, Links

A conspicuous adaptability to antibiotics in the Escherichia coli mutator strain, dnaQ49.

FEMS Microbiol Lett. 1999 Jul 1;176(1):191-6.

PMID: 10418146 [PubMed - indexed for MEDLINE]

☐ 4: [Furusawa M, Doi H.](#)

Related Articles, Links

Asymmetrical DNA replication promotes evolution: disparity theory of evolution.

Genetica. 1998;102-103(1-6):333-47.

PMID: 9766961 [PubMed - indexed for MEDLINE]

☐ 5: [Iwaki T, Kawamura A, Ishino Y, Kohno K, Kano Y, Goshima N, Yara M, Furusawa M, Doi H, Imamoto F.](#)

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Preferential replication-dependent mutagenesis in the lagging DNA strand in Escherichia coli.

Mol Gen Genet. 1996 Jul 26;251(6):657-64.

PMID: 8757396 [PubMed - indexed for MEDLINE]

☐ 6: [Wada KN, Doi H, Tanaka S, Wada Y, Furusawa M.](#)

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A neo-Darwinian algorithm: asymmetrical mutations due to semiconservative DNA-type replication promote evolution.

Proc Natl Acad Sci U S A. 1993 Dec 15;90(24):11934-8.

PMID: 8265651 [PubMed - indexed for MEDLINE]

☐ 7: [Nozaki-Renard J, Iino T, Sato Y, Marumoto Y, Ohta G, Furusawa M.](#)

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